



2000 Toxics Release Inventory

PENNSYLVANIA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	82,450,197	72,496,267	154,946,464
Air Emissions	34,149,457	62,749,191	96,898,649
Surface Water Discharges	43,183,701	77,025	43,260,726
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	6,735	787,967	794,702
Other On-site Land Releases	5,110,304	8,882,084	13,992,388
Off-site Releases (Transfers Off-site to Disposal)*	56,887,781	14,078,532	70,966,313
Total On- and Off-site Releases	139,337,978	86,574,799	225,912,777
Recycled On-site	419,851,750	137,083	419,988,833
Recycled Off-site	198,258,048	1,402,385	199,660,433
Energy Recovery On-site	135,584,992	0	135,584,992
Energy Recovery Off-site	16,041,641	50,683	16,092,324
Treated On-site	184,563,547	53,850,139	238,413,686
Treated Off-site**	28,166,749	490,859	28,657,608
Quantity Released On- and Off-site***	138,568,036	84,787,222	223,355,258
Total Production-related Waste Managed	1,121,034,762	140,718,372	1,261,753,134
Non-production-related Waste Managed	353,007	24,919	377,925

Transfers Off-site for Further Waste Management/Disposal

Recycling	194,605,887	1,106,611	195,712,498
Energy Recovery	16,371,357	50,273	16,421,630
Treatment	15,045,794	32,190	15,077,984
Publicly Owned Treatment Works (POTWs)	7,909,178	473,331	8,382,509
Metals and Metal Compounds*	106,999	765	107,764
Non-metal TRI Chemicals**	7,802,179	472,566	8,274,745
Other Off-site Transfers****	22,897	0	22,897
Transfers Off-site to Disposal (not including metals to POTWs)	58,955,703	14,180,318	73,136,021
Total Transfers Off-site for Further Waste Management/Disposal	292,910,816	15,842,723	308,753,539

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

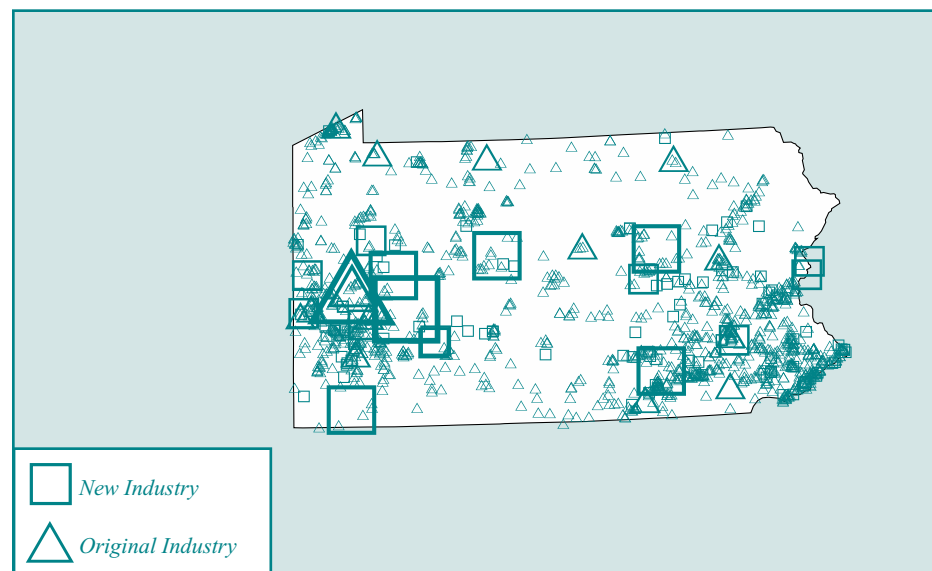
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Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Pennsylvania. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	12,282,591
Square Miles	44,820
Total Facilities	1,377
Total Forms	5,163
Form As	732

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	2	8	7
Pounds	139,337,978	86,574,799	225,912,777
National Rank for Total On-site Releases**			
Rank	6	10	7
Pounds	82,450,197	72,496,267	154,946,464
National Rank for Total Releases within State***			
Rank	4	8	7
Pounds	140,628,422	91,171,250	231,799,672
National Rank for Production-related Waste Managed			
Rank	5	9	6
Pounds	1,121,034,762	140,718,372	1,261,753,134

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2000 Toxics Release Inventory

PENNSYLVANIA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	52,006,013	250	0	12	0	52,006,275	98,911	0	0
—	Nitrate compounds	1,030	42,718,689	0	1,238,549	205,106	44,163,374	215,329	169,730	35,626
—	Zinc compounds	2,009,760	30,999	0	2,029,783	32,992,014	37,062,556	6,225,425	31,092,617	1,901,451
7664-93-9	Sulfuric acid	10,435,497	0	0	250	0	10,435,747	0	0	0
—	Manganese compounds	68,608	55,755	0	2,549,321	6,539,382	9,213,066	645,558	6,270,242	269,140

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Polycyclic aromatic compounds	45,765.63	166.19	0.00	35,300.70	49,976.11	131,208.64	895.10	17,686.00	32,290.11
—	Mercury compounds	8,584.20	12.54	0.00	8,233.30	59,474.00	76,304.04	352.72	5,508.18	54,041.63
118-74-1	Hexachlorobenzene	282.31	0.07	0.00	0.00	9,769.00	10,051.38	86.00	9,762.00	7.00
191-24-2	Benzo(g,h,i)perylene	817.68	227.00	0.00	265.00	3,725.47	5,035.16	80.88	507.07	3,218.40
79-94-7	Tetrabromobisphenol A	2,508.00	0.00	0.00	0.00	0.00	2,508.00	0.00	0.00	0.00
7439-97-6	Mercury	1,399.20	12.50	0.00	126.60	542.79	2,081.08	1,018.24	486.42	56.37
1336-36-3	Polychlorinated biphenyls (PCBs)	107.45	0.00	0.00	61.00	162.33	330.78	101.40	154.00	8.33
—	Dioxin and dioxin-like compounds	0.38	0.01	0.00	0.03	0.35	0.77	0.07	0.34	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>173.226</i>	<i>4.511</i>	<i>0.000</i>	<i>12.472</i>	<i>157.527</i>	<i>347.735</i>	<i>32.801</i>	<i>156.216</i>	<i>1.311</i>
8001-35-2	Toxaphene	0.10	0.00	0.00	0.00	0.00	0.10	20.00	0.00	0.00
57-74-9	Chlordane	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

PENNSYLVANIA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
AK Steel Corp. Butler Works, Butler, Butler	144,642	28,048,653	0	0	0	3,218,517	31,411,812	79,519	68,112
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	18,460,972	17,372	0	0	0	796,430	19,274,774	0	0
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	8,808,620	15	0	0	0	1,189,170	9,997,805	0	0
PP&L Montour Steam Electric Station, Danville, Montour	5,244,434	0	0	0	0	102,151	5,346,585	0	0
Brunner Island Steam Electric Station, York Haven, York	4,698,160	0	0	0	0	0	4,698,160	0	0
AK Steel Corp. Butler Works, Butler, Butler	18,782	4,300,464	0	0	0	0	4,319,246	89,028	655
Allegheny Energy Inc. Armstrong Power Station, Kittanning, Armstrong	3,386,288	234	0	0	0	140,956	3,527,478	0	0
Reliant Energies Inc. Shawville Station, Shawville, Clearfield	3,132,822	3,589	0	0	0	374,820	3,511,231	0	0
Firstenergy Bruce Mansfield Plant, Shippingport, Beaver	3,083,507	3,754	0	0	0	0	3,087,262	3,043,855	0
Mill Service Inc., Yukon, Westmoreland	2,000	9,560	0	0	787,967	2,017,645	2,817,172	512,331	5,800

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
EME Homer City Generation L.P., Homer City, Indiana	604.45	0.00	0.00	0.00	0.00	33,307.00	33,911.45	0.00	0.00
National Electrical Carbon Prods. Inc., East Stroudsburg, Monroe	13,265.00	0.00	0.00	0.00	0.00	0.00	13,265.00	0.00	3,520.00
USS Clairton Works, Clairton, Allegheny	11,202.23	88.00	0.00	0.00	0.00	0.00	11,290.23	0.51	0.03
Koppers Inds. Inc. Clairton Tar Plant, Clairton, Allegheny	8,850.00	0.00	0.00	0.00	0.00	0.00	8,850.00	0.00	24,971.00
Carbone of America Ind. Corp. Graphite Materials Div., Saint Marys, Elk	0.00	0.00	0.00	0.00	0.00	5,200.00	5,200.00	5,200.00	0.00
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	1,121.00	0.00	0.00	0.00	0.00	2,100.00	3,221.00	0.00	0.00
Sealed Air Corp., Reading, Berks	3,032.00	0.00	0.00	0.00	0.00	0.00	3,032.00	0.00	0.00
LNP Eng. Plastics Inc., Thorndale, Chester	2,482.00	0.00	0.00	0.00	0.00	0.00	2,482.00	0.00	0.00
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	1,413.00	4.00	0.00	0.00	0.00	630.00	2,047.00	0.00	0.00
Stone Container Corp., Philadelphia, Philadelphia	1,960.00	0.00	0.00	0.00	0.00	0.00	1,960.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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PENNSYLVANIA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
AK Steel Corp. Butler Works, Butler, Butler	0	6,629,026	0	0	41,877,000	233	31,548,831	80,055,090	0
Zinc Corp. Of America Monaca Smelter, Monaca, Beaver	0	0	0	0	0	0	29,874,500	29,874,500	0
Reliant Energies Inc. Keystone Power Plant, Shelocta, Armstrong	0	0	0	0	3,212,000	0	19,269,012	22,481,012	0
Allegheny Energy Inc. Hatfield Power Station, Masontown, Greene	0	0	0	0	0	0	9,981,350	9,981,350	0
Uss Mon Valley Works Edgar Thomson Plant, Braddock, Allegheny	1,665,824	142,960	0	0	0	0	6,400,304	8,209,088	0
Firstenergy Bruce Mansfield Plant, Shippingport, Beaver	0	0	0	0	15,731,400	0	6,060,531	21,791,931	0
PP&L Montour Steam Electric Station, Danville, Montour	0	0	0	0	0	0	5,346,525	5,346,525	0
Brunner Island Steam Electric Station, York Haven, York	0	0	0	0	0	0	4,698,102	4,698,102	0
AK Steel Corp. Butler Works, Butler, Butler	0	0	0	0	4,900,000	506	4,407,700	9,308,206	0
Allegheny Energy Inc. Armstrong Power Station, Kittanning, Armstrong	0	0	0	0	0	0	3,523,650	3,523,650	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Zinc Corp. of America Monaca Smelter, Monaca, Beaver	0	0	0	0	0	0	54,000	54,000	0
Koppers Inds. Inc. Clairton Tar Plant, Clairton, Allegheny	360,300	28,400	0	84	0	18	34,200	423,002	0
EME Homer City Generation L.P., Homer City, Indiana	0	0	0	0	0	0	33,907	33,907	0
Cambria Cogen Co., Ebensburg, Cambria	0	0	0	0	0	0	19,614	19,614	0
National Electrical Carbon Prods. Inc., East Stroudsburg, Monroe	0	0	0	0	0	0	12,460	12,460	0
USS Clairton Works, Clairton, Allegheny	220,980	0	0	0	79	0	12,111	233,170	0
Carbone of America Ind. Corp. Graphite Materials Div., Saint Marys, Elk	0	0	0	0	0	5,200	5,200	10,400	0
Koppers Inds. Inc. Monessen Coke Plant, Monessen, Westmoreland	45,676	0	3	0	17	0	4,610	50,306	0
Reliant Energies Inc. Conemaugh Power Plant, New Florence, Indiana	0	0	0	0	0	0	3,220	3,220	0
Sealed Air Corp., Reading, Berks	0	0	0	0	0	0	3,032	3,032	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.